

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060419\
 Data File : BN006082.D
 Acq On : 05 Jun 2019 02:01
 Operator : JU/SJ
 Sample : K2948-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BFH99

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.152	24	28	35	rVB	98140	117523	1.49%	0.147%
2	3.423	72	74	78	rBV2	12737	15966	0.20%	0.020%
3	3.781	131	135	139	rBV	16406	21888	0.28%	0.027%
4	3.881	149	152	158	rVB3	11267	14759	0.19%	0.018%
5	3.975	164	168	174	rVB2	11380	21811	0.28%	0.027%
6	4.770	299	303	309	rBV	33778	49925	0.63%	0.062%
7	4.875	316	321	325	rBV6	5301	9001	0.11%	0.011%
8	6.822	645	652	664	rBV	1444240	2317358	29.37%	2.890%
9	6.987	674	680	693	rBV	1101576	1715781	21.75%	2.140%
10	7.181	706	713	731	rBV	1476584	2299146	29.14%	2.867%
11	7.646	785	792	800	rBV	872727	1420636	18.01%	1.772%
12	8.358	905	913	931	rBV	1686175	2832065	35.90%	3.532%
13	8.805	981	989	1001	rBV	1265396	2189411	27.75%	2.730%
14	8.922	1004	1009	1013	rVB5	12750	23517	0.30%	0.029%
15	9.522	1103	1111	1125	rBV	1089016	1869977	23.70%	2.332%
16	10.057	1194	1202	1225	rBV	1663451	2869580	36.37%	3.579%
17	10.434	1259	1266	1278	rBV	1227552	2072887	26.27%	2.585%
18	10.569	1278	1289	1312	rBV	1617416	2881196	36.52%	3.593%
19	12.028	1530	1537	1545	rVB2	21949	35658	0.45%	0.044%
20	13.269	1742	1748	1755	rVB5	6240	13993	0.18%	0.017%
21	13.716	1817	1824	1828	rBV	2762319	3894480	49.36%	4.857%
22	13.757	1828	1831	1838	rVB	353584	479874	6.08%	0.598%
23	13.993	1863	1871	1883	rBV	3344530	5013570	63.55%	6.252%
24	14.304	1917	1924	1935	rBV2	1770153	2645188	33.53%	3.299%
25	14.516	1953	1960	1980	rBV	1027933	1776746	22.52%	2.216%
26	14.734	1993	1997	2001	rVB5	10704	17777	0.23%	0.022%
27	15.110	2056	2061	2066	rBV	20177	26938	0.34%	0.034%
28	15.169	2067	2071	2077	rVB3	8353	11671	0.15%	0.015%
29	15.304	2087	2094	2110	rBV	3963279	5879463	74.52%	7.332%
30	15.434	2110	2116	2129	rVV	930383	1391772	17.64%	1.736%
31	15.540	2129	2134	2144	rVB	54806	91444	1.16%	0.114%
32	15.722	2162	2165	2172	rVB5	5034	9214	0.12%	0.011%
33	16.028	2214	2217	2223	rBV6	8715	12803	0.16%	0.016%
34	16.087	2223	2227	2232	rVV4	16341	23949	0.30%	0.030%

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35	16.734	2334	2337	2343	rVB4	7000	10522	0.13%	0.013%
36	16.822	2349	2352	2354	rBV3	7995	9130	0.12%	0.011%
37	16.839	2354	2355	2359	rVB3	9697	9249	0.12%	0.012%
38	17.057	2385	2392	2402	rBV2	2142876	3163558	40.10%	3.945%
39	17.157	2402	2409	2420	rBV2	4244510	6358844	80.60%	7.930%
40	17.963	2541	2546	2555	rBV	271207	446732	5.66%	0.557%
41	18.898	2703	2705	2710	rVB5	10195	11905	0.15%	0.015%
42	19.092	2734	2738	2743	rBV	56118	79840	1.01%	0.100%
43	19.251	2761	2765	2772	rBV4	36210	63151	0.80%	0.079%
44	19.345	2777	2781	2787	rVV	48558	67394	0.85%	0.084%
45	19.398	2788	2790	2794	rVB5	12394	14899	0.19%	0.019%
46	19.463	2795	2801	2818	rVV	5403813	7393130	93.71%	9.220%
47	20.516	2978	2980	2985	rVB	45916	48503	0.61%	0.060%
48	20.986	3056	3060	3070	rBV	607085	1029325	13.05%	1.284%
49	21.263	3102	3107	3123	rBV	2466719	3540003	44.87%	4.415%
50	21.427	3132	3135	3139	rBV	119118	128400	1.63%	0.160%
51	21.857	3205	3208	3212	rBV	180579	235952	2.99%	0.294%
52	22.316	3283	3286	3292	rVB	283686	372545	4.72%	0.465%
53	22.445	3305	3308	3314	rVB	167332	219526	2.78%	0.274%
54	22.822	3368	3372	3378	rVB	335202	463877	5.88%	0.578%
55	23.357	3456	3463	3479	rBV2	3844751	7889251	100.00%	9.838%
56	23.498	3480	3487	3500	rVB	1787517	3514392	44.55%	4.383%
57	24.027	3572	3577	3584	rVB	311612	568428	7.21%	0.709%
58	24.763	3698	3702	3710	rVB	236909	483200	6.12%	0.603%

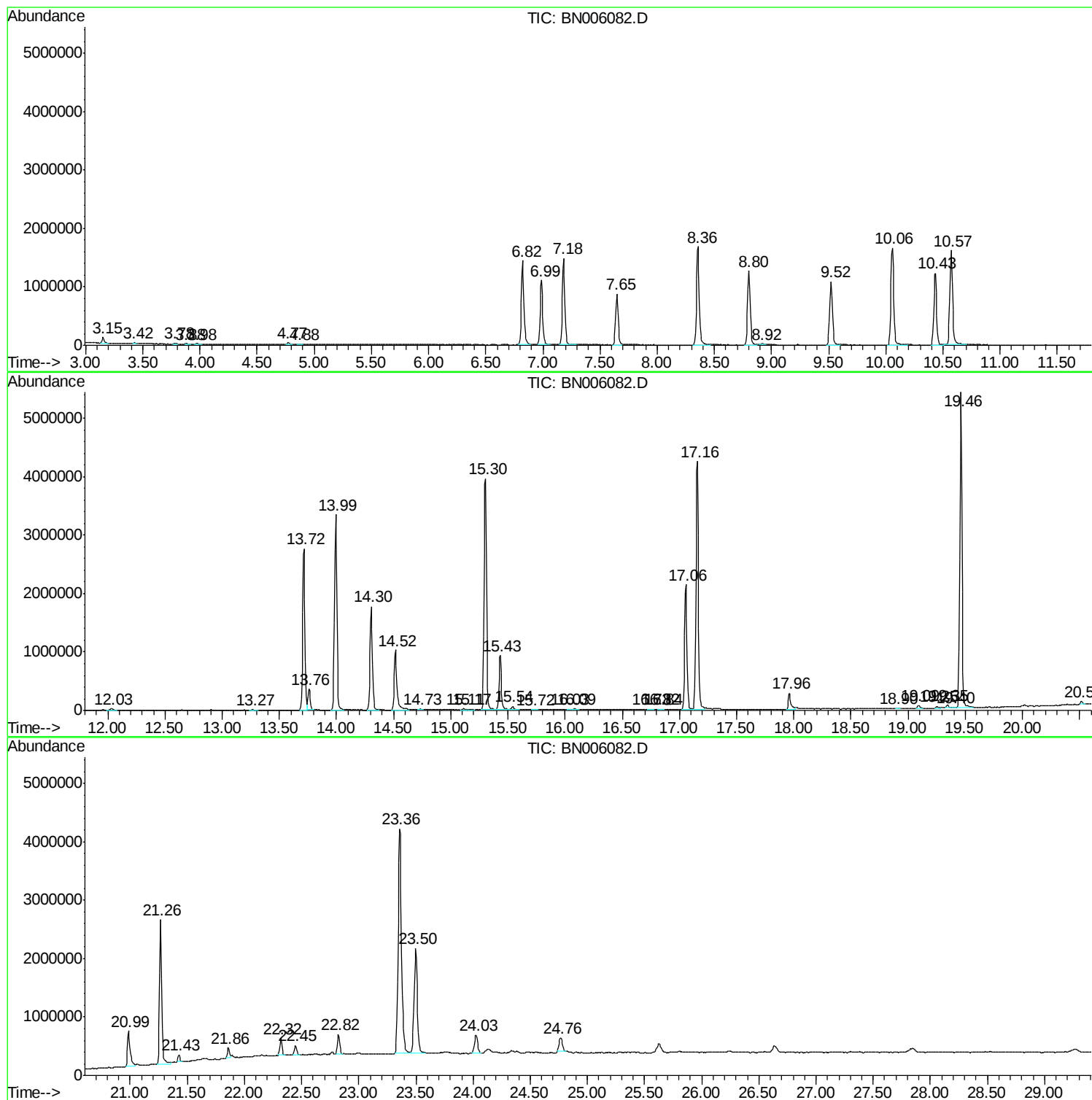
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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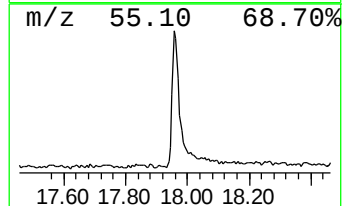
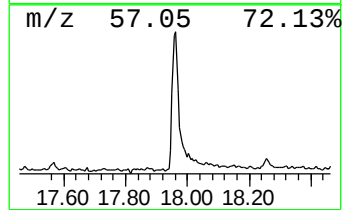
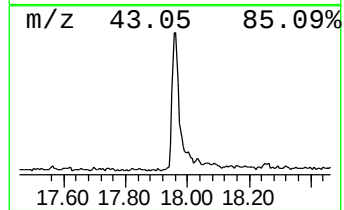
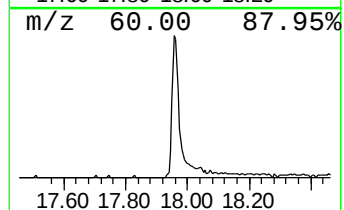
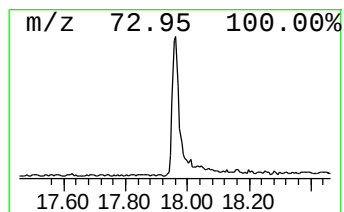
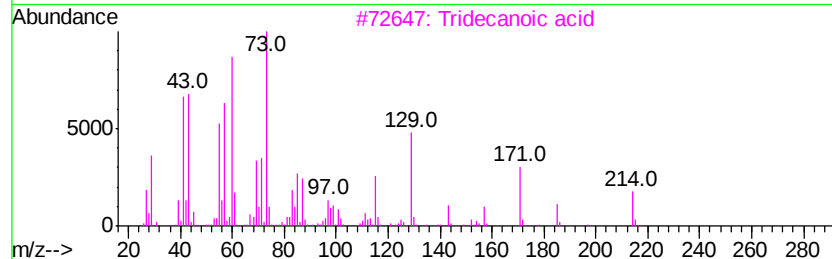
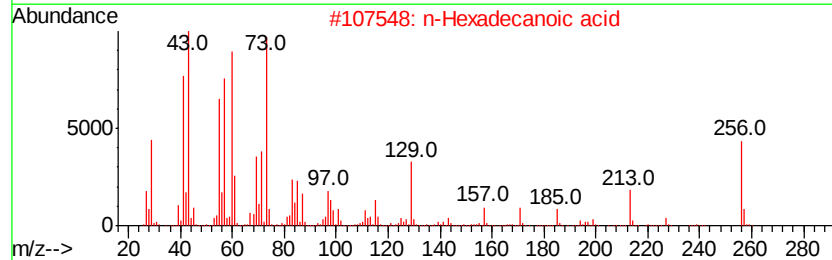
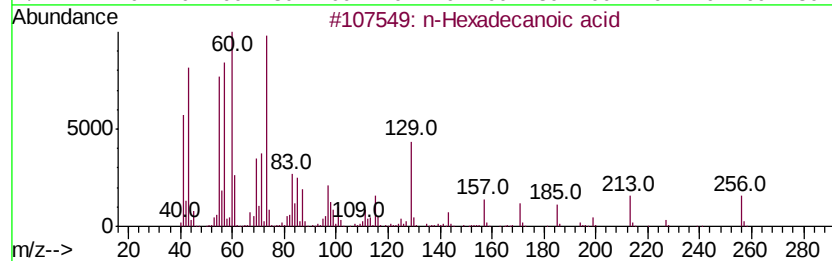
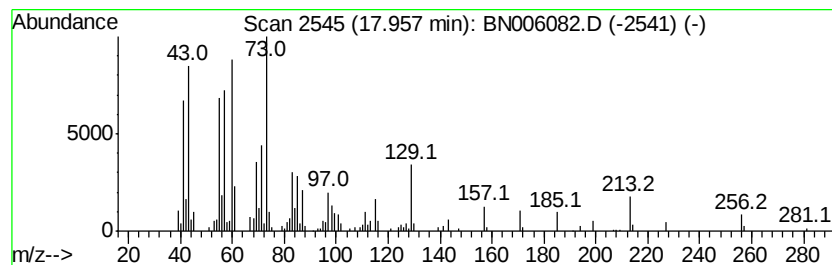
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	2.82 ng/ul	446732	Phenanthrene-d10	17.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3		Tridecanoic acid	214	C13H26O2	000638-53-9	92
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	87



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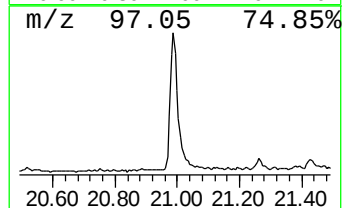
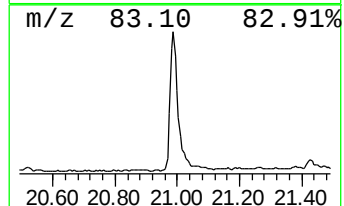
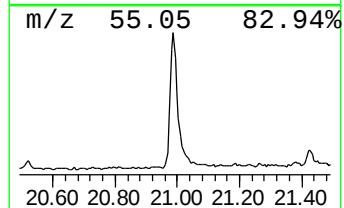
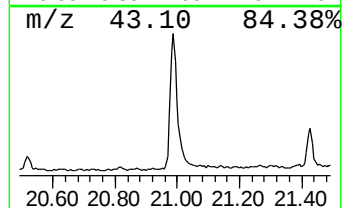
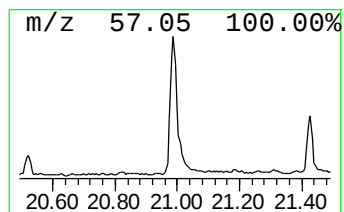
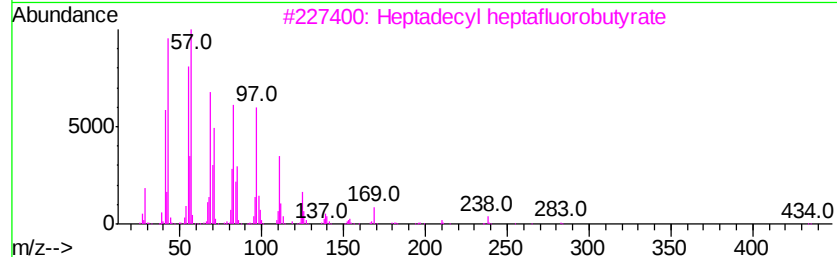
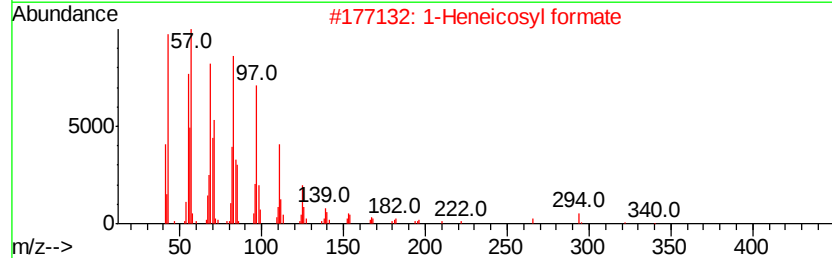
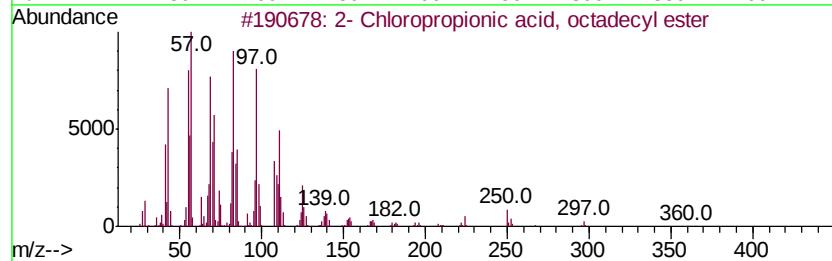
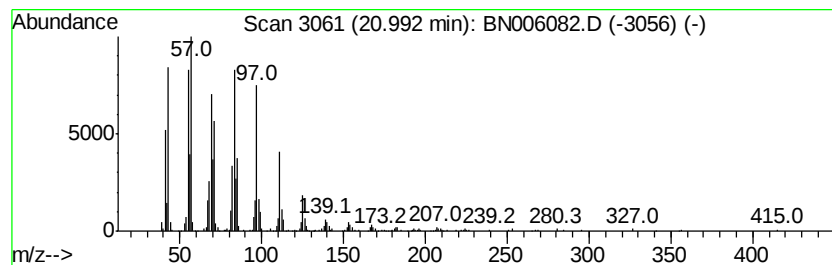
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 2- Chloropropionic acid, oc... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	5.82 ng/ul	1029330	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
2		1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
3		Heptadecyl heptafluorobutvrate	452	C21H35F7O2	959085-66-6	94
4		Behenic alcohol	326	C22H46O	000661-19-8	93
5		1-Heneicosanol	312	C21H44O	015594-90-8	93



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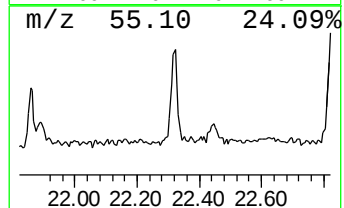
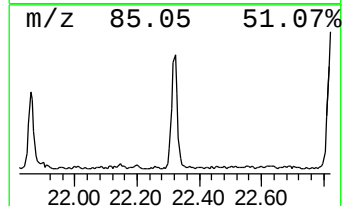
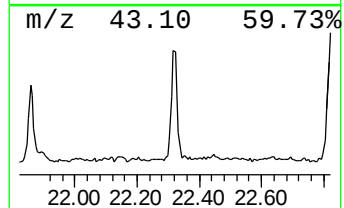
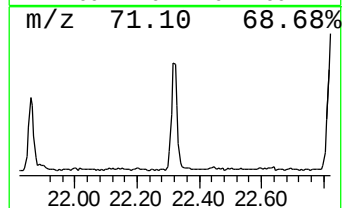
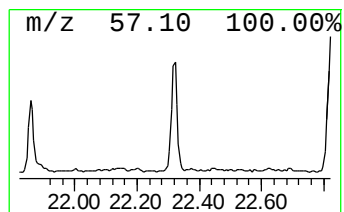
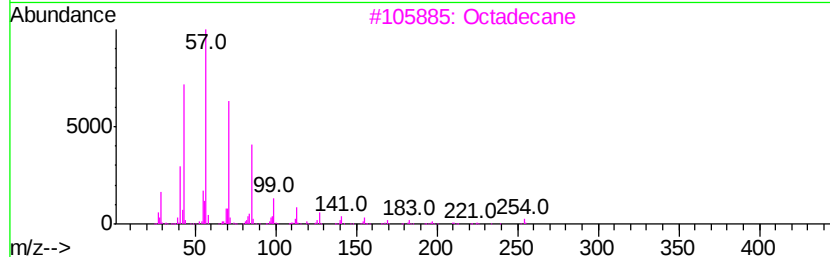
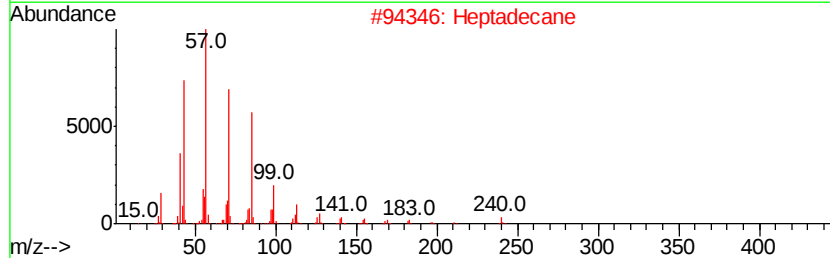
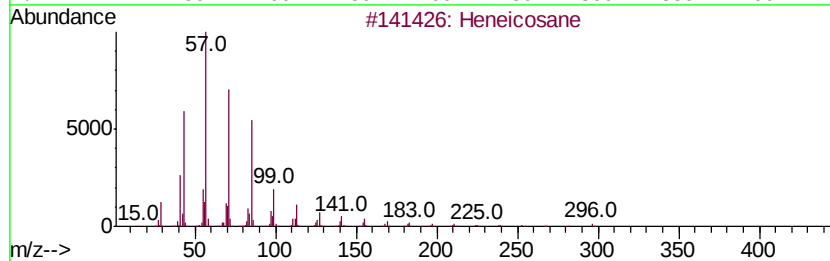
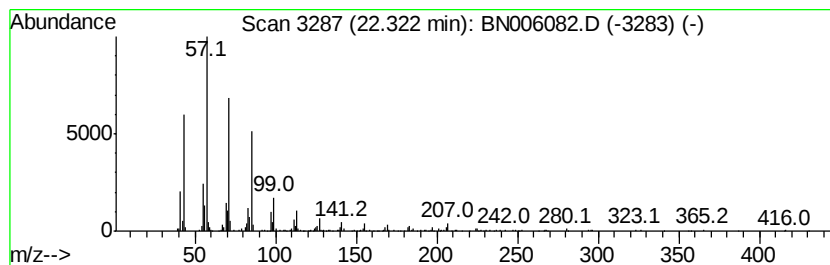
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.32	2.10 ng/ul	372545	Chrysene-d12	21.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	98
2		Heptadecane	240	C17H36	000629-78-7	95
3		Octadecane	254	C18H38	000593-45-3	94
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
5		Tetracosane	338	C24H50	000646-31-1	90



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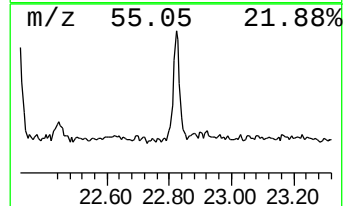
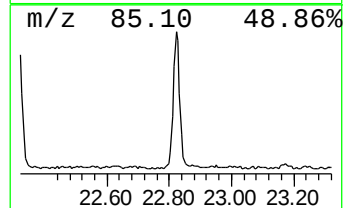
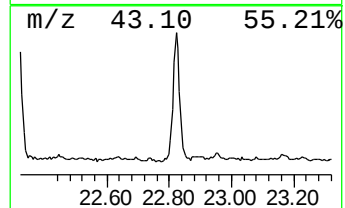
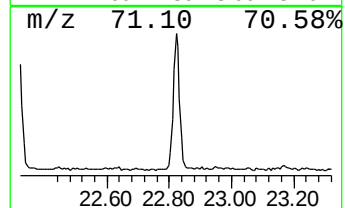
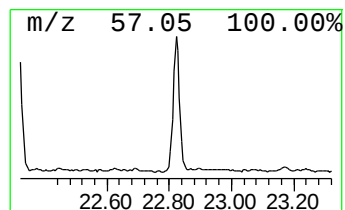
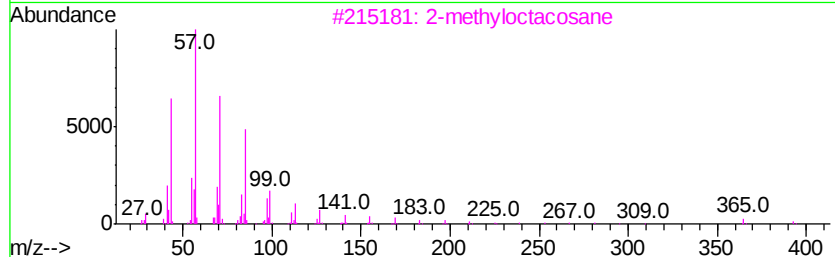
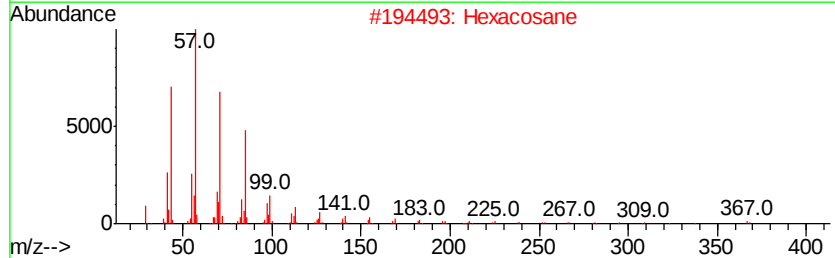
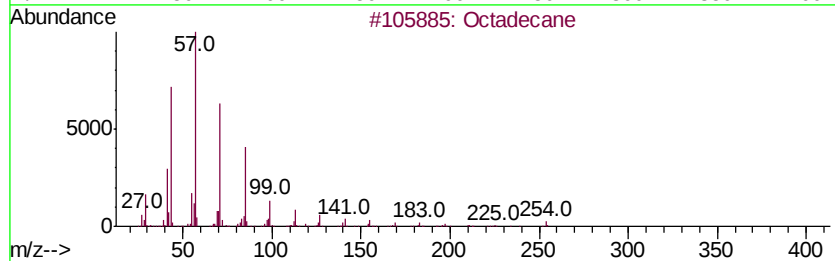
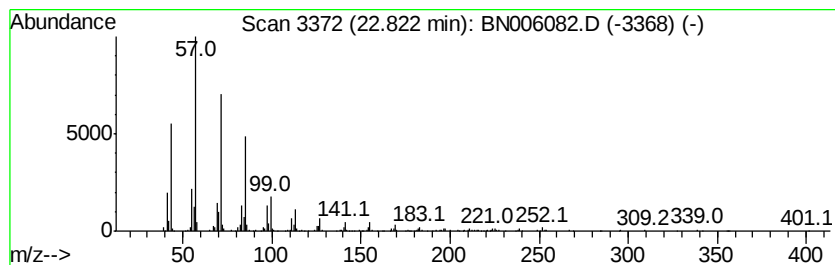
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.82	2.64 ng/ul	463877	Perylene-d12	23.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	95
2		Hexacosane	366	C26H54	000630-01-3	93
3		2-methyloctacosane	408	C29H60	1000376-72-8	91
4		Tetratetracontane	619	C44H90	007098-22-8	91
5		Octacosane	394	C28H58	000630-02-4	91



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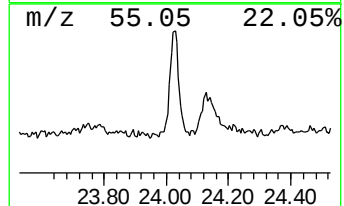
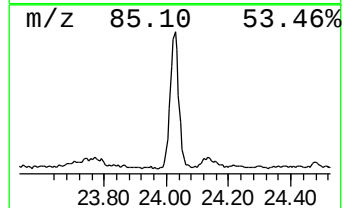
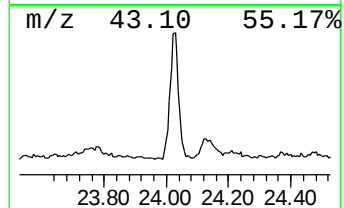
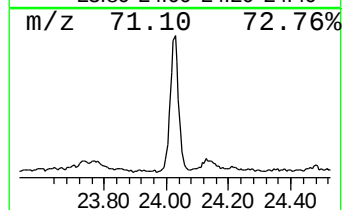
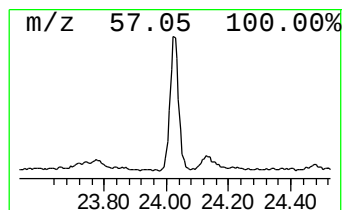
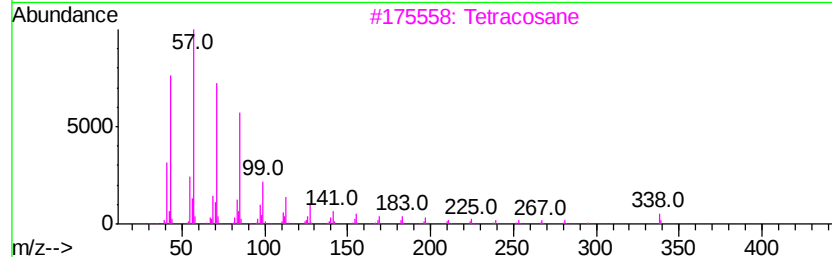
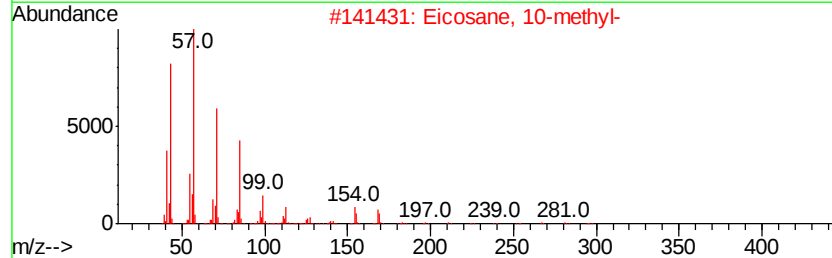
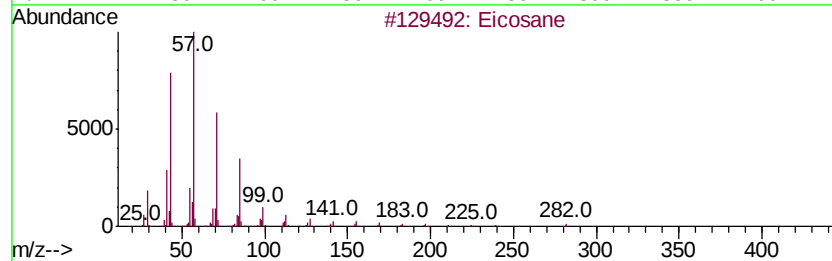
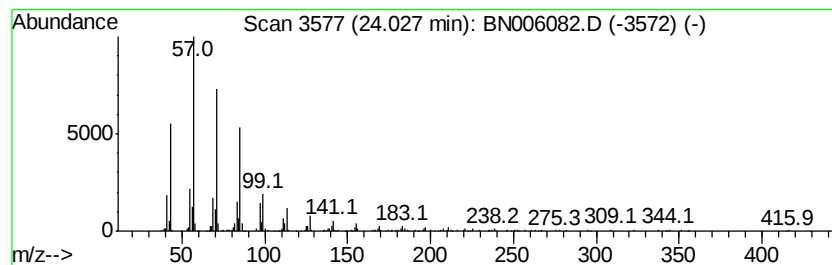
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.03	3.23 ng/ul	568428	Perylene-d12	23.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	95
2		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3		Tetracosane	338	C24H50	000646-31-1	91
4		Dodecane, 2-methyl-	184	C13H28	001560-97-0	90
5		2-methyloctacosane	408	C29H60	1000376-72-8	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060419\
Data File : BN006082.D
Acq On : 05 Jun 2019 02:01
Operator : JU/SJ
Sample : K2948-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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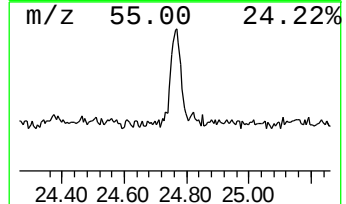
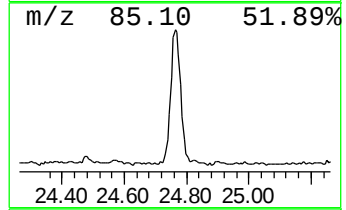
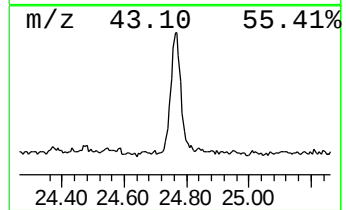
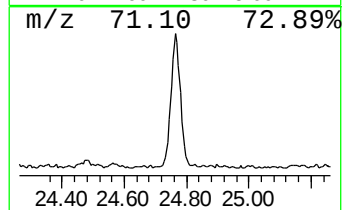
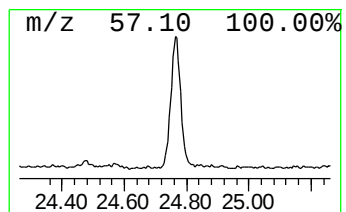
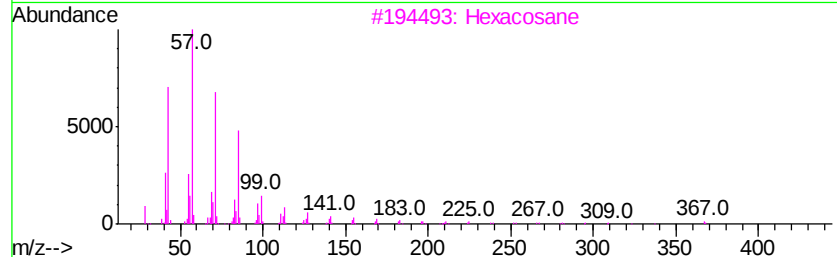
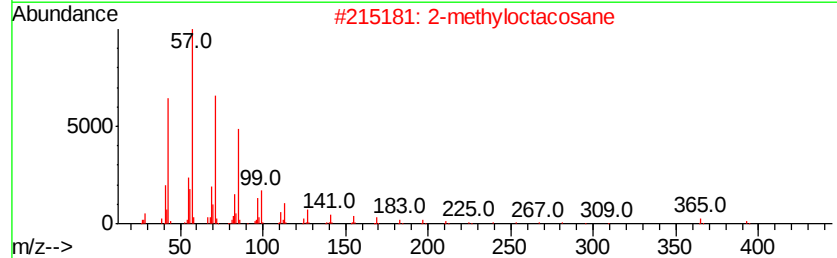
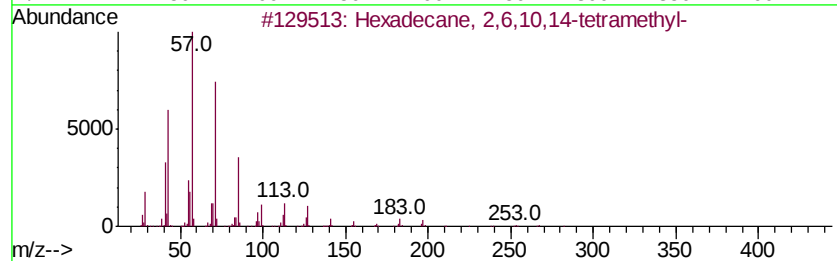
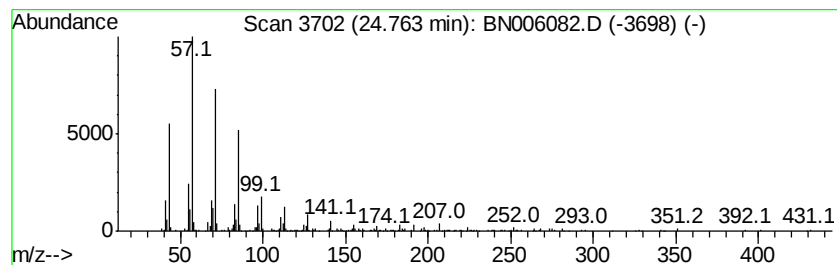
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.76	2.75 ng/ul	483200	Perylene-d12	23.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	91
2		2-methyloctacosane	408	C29H60	1000376-72-8	90
3		Hexacosane	366	C26H54	000630-01-3	90
4		Heneicosane	296	C21H44	000629-94-7	90
5		Dodecane, 2-methyl-	184	C13H28	001560-97-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060419\
Data File : BN006082.D
Acq On : 05 Jun 2019 02:01
Operator : JU/SJ
Sample : K2948-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BFH99

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN060419MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.96	2.8	ng/ul	446732	4	17.06	3163560	20.0
2- Chloropropioni...	20.99	5.8	ng/ul	1029330	5	21.26	3540000	20.0
(DEL) Alkane: Str...	22.32	2.1	ng/ul	372545	5	21.26	3540000	20.0
(DEL) Alkane: Str...	22.82	2.6	ng/ul	463877	6	23.50	3514390	20.0
(DEL) Alkane: Str...	24.03	3.2	ng/ul	568428	6	23.50	3514390	20.0
(DEL) Alkane: Str...	24.76	2.8	ng/ul	483200	6	23.50	3514390	20.0